

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
	1	of	3	Application Number	09/616,457
				Filing Date	07/14/2000
				First Named Inventor	Xiao Chen ET AL.
				Art Unit	2125
				Examiner Name	Sheela S. Rao
				Attorney Docket Number	99-464

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EL		US- 20020019726A1	2-14-2002	Crilly et al.	
EL		US- 20020134816A1	9-26-2002	Chen et al.	
EL		US- 20040122550A1	6-24-2004	Klimko et al.	
EL		US- 5,750,957	5-12-1998	Kilty et al.	
		US- 5,796,617	8-18-1998	St. Ville	
		US- 6,023,637	2-8-2000	Liu et al.	
		US- 6,024,273	2-15-2000	Ludewig et al.	
		US- 6,184,491	2-6-2001	Crane et al.	
		US- 6,186,011	2-13-2001	Wung et al.	
		US- 6,263,252	7-17-2001	St. Ville	
		US- 6,270,599	8-7-2001	Wood	
		US- 6,295,513	9-25-2001	Thackston	
		US- 6,324,491	11-27-2001	Zhang et al.	
		US- 6,362,456	3-26-2002	Ludewig et al.	
		US- 6,398,102	6-4-2002	Cao et al.	
		US- 6,424,879	7-23-2002	Chilese et al.	
		US- 6,618,694	9-9-2003	Shibuya et al.	
		US- 6,627,841	9-30-2003	Chen et al.	
		US- 6,768,974	7-27-2004	Nanjundan et al.	
		US- 6,789,051	9-7-2004	Chen et al.	

[illegible]

Examiner Signature	<i>Heek & Rao</i>	Date Considered	1/3/05
-----------------------	-----------------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See *Kind Codes of USPTO Patent Documents* at www.uspto.gov or MPEP §01.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/616,457
				Filing Date	07/14/2000
				First Named Inventor	Xiao Chen ET AL.
				Art Unit	2125
				Examiner Name	Sheela S. Rao
				Attorney Docket Number	99-464
Sheet	2	of	3		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ER		US- 4,475,963	10-9-1984	Takahashi et al.	
		US- 4,596,917	6-24-1986	Nied et al.	
		US- 4,998,663	3-12-1991	Cakmak et al.	
		US- 5,033,014	7-16-1991	Carver et al.	
		US- 5,202,837	4-13-1993	Coe et al.	
		US- 5,304,774	4-19-1994	Durheim	
		US- 5,521,354	5-28-1996	Ludewig et al.	
		US- 5,552,575	9-3-1996	Doumanidis	
		US- 5,581,489	12-3-1996	Groothuis et al.	
		US- 5,729,345	3-17-1998	Ludewig et al.	
		US- 5,746,861	5-5-1998	Mandon	
ER		US- 5,751,582	5-12-1998	Mozumder et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

OCT 06 2004

Technology Center 2100

[illegible]

Examiner Signature	<i>Shaw</i>	Date Considered	1/3/05
-----------------------	-------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See *Kind's Codes of USPTO Patent Documents* at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/616,457
				Filing Date	07/14/2000
				First Named Inventor	Xiao Chen ET AL
				Art Unit	2125
				Examiner Name	Sheela S. Rao
Sheet	3	of	3	Attorney Docket Number	99-464

RECEIVED
OCT 06 2004
Technology Center 2100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SK		"Thermomechanical simulation of underwater welding processes", J. Ronda et al., Applied Mechanics, 1992, 13 pages.	
SK		"Recent development and applications of three-dimensional finite element modeling in bulk forming processes", G. Li et al., Journal of Materials Processing Technology, 2001, PAGES 40-45.	
SK		"Influence of Residual Stresses and Weld Repairs on Pipe Fracture", F.W. Brust et al., Approximate Methods in the Design and Analysis of Pressure Vessels and Piping Components, ASME, 1997, pages 173 - 191.	
SK		"Modeling of weld residual stresses in core shroud structures", J. Zhang et al., Nuclear Engineering and Design, 2000, pages 171-187.	
SK		"Numerical Welding Simulation of Two Pipes / Determination of the Evolution of Residual Stresses During Proof Test Pressure", J.J. Janosch et al., PVP-Vol. 147, Approximate Methods in the Design and Analysis of Pressure Vessels and Piping Components, ASME, 1997, pages 103-113.	

Examiner Signature		Date Considered	1/3/05
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.